

ACCESSION NO: AP5024901

elasticity. It was found that the magnitude of the "equilibrium" elasticity depends on the nature of the principal monomer, its molecular weight, number of single bonds along the chain, the nature of the cross-linking agent, and the molar content ϕ of the latter. The softening point of the copolymers is a direct linear function of ϕ . Possible structures for these materials, based on the information of their chemical composition, are discussed. Comparison of the experimental data with theoretical lattices with effective number of cross-links per unit of the polymer. Tab. 1, 2. 10 figures. 1 table. 2 formulas.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy, AN SSSR (Institute of High-Molecular Compounds, AN SSSR)

SUBMITTED: 16Oct64

ENCL: 00

NO REF SOV: 007

OTHER: 016

Card 2/2

ZAKHAROV, S.K.; KUVSHINSKIY, Ye.V.

Automatic device for determining the temperature of softening
of polymers by penetration. Zav. lab. 30 no.11:1399-1401. '64
(MIRA 18:1)

1. Institut vysokomolekulyarnykh sovedinaniy AN SSSR.

S/122/60/000/007/005/011
A161/A029

AUTHORS: Bessonov, M.I., Engineer; Zakharov, S.K., Engineer; Kuvshinskiy, Ye.V., Doctor of Physics and Mathematics

TITLE: Experience in Determining the Mechanical Properties of Plastics in Microspecimens

PERIODICAL: Vestnik mashinostroyeniya, 1960, No. 7, pp. 41 - 45

TEXT: A new mechanical test system for plastics, requiring specimens of only 30 to 50 g (100 times less than in the existing test methods), has been developed by Institut vysokomolekulyarnykh soedineniy AN SSSR (High-Molecular Compounds Institute of the AS USSR) in cooperation with industrial institutes. The test system includes tests for softening temperature, specific impact resistance and tension, and, for specific cases, for creep and long-time strength (Ref. 2). The specimens are disks of 10 mm in diameter and 4 or 2 mm thick, 10x10x4 and 15x10x4 mm plates, and two-lateral blades of 15 to 35 mm long, up to 4 mm wide and with 8 mm transition radii. The softening point is determined in an ИФП (IFP) apparatus (Fig. 1) developed by A.P. Aleksandrov and Yu.S. Lazurkin and built in the workshops of Institut fizicheskikh problem AN SSSR (Institute of Physical

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A161/A029

Experience in Determining the Mechanical Properties of Plastics in Microspecimens

Problems of the AS USSR). The apparatus consists of a copper tray with eight cavities for specimens, a heater placed between the tray and the asbestos cover, a resistance thermometer of 0.1 mm nickel wire wound on mica, an asbestos-lined hood and a support with dial indicator. The thermostatic system is illustrated by a diagram (Fig. 1b). The test consists in determining the penetration depth of a needle (Fig. 2). The curve shape, as in this graph, shows the difference between a "linear" plastic, like organic glass, and "three-dimensional", like eb-onite and escapon. The softening point is easily found for the "linear" plastics, only approximately for "loosely joined" (escapon) and not at all for "firmly joined". The "IFP" test takes 4 - 8 h. Impact resistance is tested with a "Din-stat" pendulum frame described in a French source (Ref. 4) on a plate specimen; the tension test machine is shown in a diagram (Fig. 4) and is used for finding the normal modulus of elasticity, relative elongation in rupture, etc. As is known, the mechanical characteristics of plastics very considerably depend on the speed with which the load is applied, and on temperature, but there is yet no industrial machinery for determining such characteristics on "microspecimens" and the described special machine (Fig. 4) had to be built. Detailed design descrip-

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A161/A029

Experience in Determining the Mechanical Properties of Plastics in Microspecimens

tion is given. Figure 4b shows pickups of the machine connected into a bridge fed from a "3Г-10" (ZG-10) sound generator by 6 volt current with a 5,000 cycles frequency. The bridge unbalance is proportional to the applied load and is amplified. The applied force ranges are 0 - 5 kg, 15 - 30 kg and 60 - 200 kg, the accuracy is within 1% of the limit load; the thermostatic and cryostatic system makes possible tests in a temperature range between -120 and +250°C. The elongation diagram is recorded on tape. As can be seen in two graphs (Fig. 6) where the results of tests with normal and "micro"-specimens on organic glass and ebonite are compared, the "microspecimens" show practically the same results. It is mentioned that the new test system is analogous to the tests described in Reference 1. The tests are in use since 1954. There are 6 figures and 5 references: 2 Soviet, 2 English and 1 French.

Card 3/3

BESSONOV, M.I., inzh.; ZAKHAROV, S.K., inzh.; KUVSHINSKIY, Ye.V., doktor
fiz.-matem.nauk

Using microspecimens for studying the mechanical properties of
plastics. Vest.mash. 40 no.7:41-45 J1 '60. (MIRA 13:7)
(Plastics--Testing)

ARBUZOVA, I.A.; MEDVEDEVA, L.I.; ZAKHAROV, S.K.

Synthesis of glycol esters of methacrylic acid. Zhur. prikl.
khim. 36 no.8:1833-1837 Ag '63. (MIRA 16:11)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

ZABHAROV, G. K., IESKONOV, M. I., KUVSHINKIN, E. V. and LEHNEV, G. A.

"Mechanical Rupture of Hard Polymer Materials."

report presented at the Conf. on Mechanical Properties of Non-Metallic Solids,
Leningrad, USSR, 19-26 May 1958

Inst. of High Molecular Compounds, Acad. Sci. USSR, Leningrad.

KUVSHINSKIY, Ye.V.; BESSONOV, M.I.; ZAKHAROV, S.E.; SIDOROVICH, A.V.;
GUBENKO, A.B.; PANFEROV, E.V.; GUL', V.Ye.; LOMAKIN, V.A.;
TSIPES, L.Ya.; CHERNYAKINA, A.F.; SAKHNOVSKIY, Z.L.; SECHERBAK,
P.N.; AL'SHITS, I. Ya.

Answers to the inquiry concerning the determination of the physical
and mechanical properties of plastics. Zav.lab. 26 no.1:7-28
'60. (MIRA 13:5)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR. (for Kuvshinskiy Bessonov, Zakharov, and Sidorovich).
 2. TSentral'nyy nauchno-issledovatel'skiy institut stroitel'nykh konstruktsiy (for Gubenko and Panferov).
 3. Moskovskiy institut tonkoy khimicheskoy tekhnologii imeni M.V.Lomonosova (for Gul').
 4. Moskovskiy gosudarstvennyy universitet imeni M.V. Lomonosova. Problemnaya laboratoriya fiziko-mekhanicheskikh svoystv polimerov (for Lomakin).
 5. Zavod "Karbolit" (for TSipes, Chernyukina and Sakhnovskiy).
 6. Gosudarstvennyy nauchno-issledovatel'skiy institut polimerizatsionnykh plastmass (for Secherbak).
 7. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya (for Al'shits)
- (Plastics---Testing)

SAKHAROV, S. K., G. A. LEBEDEV, Ye. A. KUVSHINSKIY and M.I. BESSONOV

"The Strength of Amorphous Bodies, Especially Polymers."

report presented at the Conference on Investigation of Mechanical Properties of
Non-Metals, by the Intl. Society of Pure and Applied Physics and the AS USSR,
at Leningrad, 19-24 May 1958.
(Vest. Ak Nauk 8852, 1958, no. 9, pp. 109-111)

15 (8), 28 (5)
AUTHORS:

Kuvshinskiy, Ye. V., Bessonov, M. I.,
Zakharov, S. K., Sidorovich, A. V.

S/032/60/026/01/003/052
B010/B123

TITLE:

Answers to the Inquiry About the Test Methods of the Physical
and Mechanical Properties of Plastics

PERIODICAL:

I
Zavodskaya laboratoriya, 1960, Vol 26, Nr 1, pp 7 - 8 (USSR)

ABSTRACT:

The test method and the dynstat type apparatus (Ref 1) may be recommended for the evaluation of the brittleness of plastics. In the institute of the authors successful tests on micro-samples were carried out (Ref 2), which can be further recommended. For determining the connection of the structure of plastics and their physical and mechanical properties, the facts have to be considered: If the influence of the structure upon a certain property is to be evaluated, the characteristics of only this property may be determined. If, however, differences of two (or more) plastics are to be investigated, the thermomechanical properties must be investigated within a wide temperature range and with varying stress. Tensile strength during expansion (and bending) is only to be

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Answers to the Inquiry About the Test Methods of the Physical and Mechanical Properties of Plastics I S/032/EC/024/01/003/052
B010/B123

determined at a single standard deformation rate (but not load rate) which can be easily reproduced. At the same time the durability and creep in to be determined of plastics. For determining the heat resistance of plastic the upper limit of temperature of usability of finished products should be fixed and not of the plastic itself, as it depends on the purpose of usability of the finished product. Therefore, the determination technique cannot be universal. The existing apparatus for determining the heat resistance of plastics (Martens, Vick) are technically imperfect and must be substituted by new and modern constructions. The indirect evaluation method of the density determination can be regarded as simple and universal method of determining the degree of crystallization. There are 6 references, 5 of which are Soviet.

ASSOCIATION: Institut vysokomolekulyarnykh soyedineniy AN SSSR
(Institute of High Molecular Compounds of the AS USSR)

Card 2/2

ZAKHAROV, S.K.; MEDVEDEVA, L.I.; ARBUZOVA, I.A.; KUVSHINSKIY, Ye.V.

Softening, high-elastic resilience, and structure of space-polymers of methyl methacrylate and styrene with diolefinic monomers. Vysokom. soed. 7 no.9:1554-1561 S '65.

(MIRA 18:10)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

ZAKHAROV, S.M.

Ship repairs at the "Fortieth Anniversary of October" Plant.
Rech.transp. 18 no.12:22-23 D '59. (MIRA 13:4)

1. Glavnyy inzhener zavoda imeni 40 godovshchiny Otktyabrya.
(Ships--Maintenance and repair)

NASYROV, R.A., kand.tekhn.nauk; SEMISAZHENOVA, A.A., inzh.;
ZAKHAROV, S.M., inzh.

Results of the study of oil coolers for the pistons of 2D100
diesel engines. Vest. TSNII MPS 20 no.6:21-24 '61. (MIRA 14:10)
(Diesel engines--Cooling)

ZAKHAROV, S.M.

Technical and economic indices of the operation of Krivoy Rog
Basin ore dressing plants. Met. i gornorud. prom. no.6:58-60
N-D '64. (MIRA 18:3)

YEGUNOV, P.M., kand. tekhn. nauk; ZELENETSKAYA, I.S., kand. tekhn.;
NASYROV, R.A., kand. tekhn. nauk; SEMISAZHENKOVA, A.A., kand.
tekhn. nauk; ZAKHAROV, S.M., inzh.

Effect of the lubricant viscosity on the basic characteristics
of the performance of 2D100 diesel locomotives. Vest. TSNII MPS
23 no.8:26-30 '64 (MIRA 18:2)

ZAKHAROV, S.M., inzh.

Hydrodynamic systems for the lubrication of 2D100 diesel
engine bearings. Vest. TSNII MPS 24 no.2:25-28 '65.
(MIRA 18:5)

ZAKHAROV, S.M.

Determining the growth of labor productivity in ore
dressing plants. Met. i gornorud. prom. no.3:63-64
My-Je '65. (MIRA 18:11)

8(5)

SOV/105-59-10-2/25

AUTHORS:

Vaag, L. A., Candidate of Technical Sciences, Docent,
Sukharov, S. H., Engineer

TITLE:

Consideration of Time Differences in Capital Investments and
Operating Costs When Comparing Alternative Schemes for the
Construction of Power Plants

PERIODICAL:

Elektrichestvo, 1959, Nr 10, pp 8-15 (USSR)

ABSTRACT:

When comparing alternative schemes for the establishment of power plants from the economic point view, it is recommended for the time being to make such comparisons by the method of redemption period. It should be considered here that not the total amount is invested immediately, but within several years. The building terms, the order of investments, and the variations of the annual production costs are to be taken into account. The authors present a method which takes full account of the influence exerted by time upon the economy of the objects to be compared. The method is based on the successive development of the principle of redemption. Before employing formula (1) of the method of redemption period, capital investments are to be calculated according to formulas (2) and (4). Formula (2) yields the total building and erection costs

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Consideration of Time Differences in Capital Investments SOV/105-59-10-2/25
and Operating Costs When Comparing Alternative Schemes for the Construction of
Power Plants

within a given building year, while formula (4) indicates the total building costs for the time at which work has been finished. The building costs are compared with the future operating costs according to formula (1). Formula (5) is then written down. It allows for a determination of the capital investments for the object concerned according to any of the variations under discussion. Finally, formula (10) is written down. However, it holds only for the case in which each variation ensures the same energy output. Otherwise it is necessary to base calculations on formula (5). There are 4 figures and 5 Soviet references.

ASSOCIATION: Moskovskiy energeticheskiy institut (Moscow Institute of Power Engineering)

SUBMITTED: May 30, 1959

Card 2/2

NASYROV, R.A., kand.tekhn.nauk; SEMISAZHENOVA, A.A., kand.tekhn.nauk;
ZAKHAROV, S.M., inzh.

Investigating the cooling of pistons and lubricant distribution
in the 2D100 diesel engine. Trudy TSMII MPS no.262:21-35 '53.
(MIRA 16:10)

ZAKHAROV, S. N.

Metodika vnedreniia statisticheskogo kontrolya v avtomatnykh tsekhakh mashinostroitel'nogo zavoda. (Vestn. Mash., 1945, no. 12, p.62-67)

Methods of introducing statistical control in automatic machine shops of machine-building plants.

DLC: TNH, VL

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

ZAKHAROV, S. N.

ZAKHAROV, S. N. - "Investigation of the Influence of Errors of the Elements of a Tight Thread on the Exertion in Bolting and the Quality of the Thread Coupling." Min Higher Education USSR, Moscow Order of Lenin Aviation Inst. imeni Sergo Ordzhonikidze, Moscow, 1955
(Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No. 33, 1955, pp 85-87

ZAKHAROV, S.N., kandidat tekhnicheskikh nauk.

Investigating the effect of defects in tight thread components on forces exerted in screwing and on the quality of thread engagements. Trudy MAI no.70:113-142 '56. (VIRA 9:12)
(Screw threads)

AUTHOR: Zakharov, S.N., Candidate of Technical Sciences 26-58-5-9/39

TITLE: Errors in the Application of the Standard for the Tolerances of Thread Gages (Oshibki pri primeneniі standarta na dopuski rez'bovykh kalibrov)

PERIODICAL: Standartizatsiya, 1958, Nr 3, pp 31-32 (USSR)

ABSTRACT: The author points out misinterpretations of a part of "GOST 1623-46" (the standard for screw thread gages), leading to re-jects of thread gages which actually are good. The contradictory wording of Paragraph 17 and a note to Section 4 of the "GOST" are the cause of misinterpretations of the permissible deviations of the half profile angle. There are 2 figures.

ASSOCIATION: Moskovskiy aviatsionnyy institut (Moscow Institute of Aviation)

Card 1/1 1. Standards--Errors 2. Thread gages--Applications

ZAKHAROV, S. N.; BRONSHTEYN, A. M.; BRON, O. B.; KAPLAN, V. V.; AFODIS, M. M.; BUTKEVICH, G. V.; MASLENNIKOV, D. S.; RUDNYY, V. M.

"Some Problems of Constructing High Power Circuit-Breakers."

report submitted for Intl Conf on Large Electric Systems, 20th Biennial Session, Paris, 1-10 Jun 64.

ZAKHAROV, S.N.

Functional interchangeability of tight threaded joints. Vzaim.
i tekhn. izm. v mashinostroyeniye; nauch.-tekhn. sbor. no.4:158-170 '64
(MIRA 18:1)

ATABEKOV, G.I.; BELOUSOV, M.M.; BULGAKOV, K.V.; VASIL'YEV, D.V.;
YEGIZAROV, I.V.; ZAKHAROV, S.N.; ZEYLIDZON, Ye.D.; KOSTENKO, M.P.;
MANOYLOV, V.Ye.; VARNEVSKIY, B.I.; RYZHOV, P.I.; SOLOV'YEV, I.I.;
SYROMYATNIKOV, I.A.; FABRIKANT, V.L.; CHERNIN, A.B.; CHRENGOBROV,
N.V.; FEDOSEYEV, A.M.; SHABADASH, B.I.; SHCHEDRIN, N.N.;
PATEYEV, A.V.

Viktor Ivanovich Ivanov, 1900-1964; an obituary. Elektrichestvo
no.11:89 N '64. (MIRA 18:2)

ZAKHAROV, S.N., kand. tekhn. nauk

Interchangeability of tightened threaded joints. Standartizatsiya
29 no.2:15-19 F '65. (MIRA 18:4)

1. Moskovskiy aviatsionnyy institut.

AYZENBERG, I.S.; ARONOVICH, I.S.; AFANAS'YEV, V.V.; BRON, O.B.; BUTKEVICH, G.V.;
GOLUBEVA, V.P.; GURVICH, V.V.; ZALESSKIY, A.M.; ZAKHAROV, S.H.;
KAPLAN, V.V.; KOCHENOVA, A.I.; KUKEKOV, G.A.; LESOV, H.Ye.; MEDVED-
SKIY, I.K.; MESSERMAN, G.T.; PETROVA, T.G.; FILIPPOV, Yu.A.;
KHOLYAVSKIY, G.B.; SHERAUD, M.Ye.; SHKLIAR, B.N.

L.K. Greiner. Elektrotehnika 35 no.2:p.3 of cover F '64.
(MIRA 17:3)

BRON, O. B.; BRONSHTEYN, A. M.; BUTKEVICH, G. V.; ZAKHAROV, S. N.; KAPLAN, V. V.; AKODIS,
M. M.; MASLENNIKOV; RUDNYI, V. M.

"Some Problems of Constructing High Power Circuit-Breakers."

report submitted for 20th Biennial Sess, Intl Conf on Large Electric Systems, Paris,
1-10 Jun 64.

GANEVSKIY, Grigoriy Markovich; ZAKHAROV, S.N., nauchn. red.;
ROMANOV, B.V., red.; NESYYSLOVA, L.M., tekhn. red.

[Brief manual on the organization and conducting of laboratory work in the course "Allowances and technical measurements"] Kratkoe rukovodstvo po organizatsii i provedeniiu laboratornykh rabot po kursu "Dopuski i tekhnicheskie izmereniia." Moskva, Proftekhizdat, 1963. 55 p.
(MIRA 17:4)

ZAKHAROV, S.N., kand. tekhn. nauk, dotsent

Values of the friction coefficient in light threaded joints.
Vest. mashinoatr. 4) no.10:24--26 0 '63. (MIRA 16:11)

ZAKHAROV, S.N., kand.tekhn.nauk; KAPLAN, V.V., inzh.; IONOV, V.V., inzh.;
OSIPOVA, T.V., inzh.; SHERMAN, Ya.N., inzh.; SHESHIN, B.A., inzh.

New MG-10 and MG-20 generator switches. Vest. elektroprom. 32 no.3:
71-76 Mr '61. (MIRA 15:6)

(Electric switchgear)

VAAG, Leonid Aleksandrovich; ZAKHAROV, Stanislav Nikolayevich;
ROZOVSKIY, L.Ya., red.; YEMZHIK, V.V., tekhn. red.

[Methods for economic valuation in power engineering]Me-
tody ekonomicheskoi otsenki v energetike. Moskva, Gosenergo-
izdat, 1962. 271 p. (MIRA 15:9)
(Power engineering—Costs)

ZAKHAROV, S.N.

Endemic goiter in the village of Bayangol in the Zakamensk District
of the Buryat A.S.S.R. Sov.med. 25 no.1:139-140 Ja '62.

(MIRA 15:4)

1. Iz uchastkovoy bol'nitsy (glavnyy vrach V.A.Shlyakhova) Zakamenskogo
rayona Buryatskoy ASSR.

(BAYANGOL--GOITER)

ZAKHAROV, S.N. (Leningrad)

Floating crane for stacking heavy reinforced concrete loads.
Stroi. truboprov. 6 no.3:24-25 Mr '61. (MIRA 14:3)

1. Glavnyy mekhanik stroitel'nogo uchastka No.7 tresta
Mosgazprovodstroy.
(Cranes, derricks, etc.)

VESELOVSKIY, A.I.; GLUKHOVTSYEV, S.A.; ZAKHAROV, S.N.; KRIVONOSOV, L.M.;
GRIGOR'YEVA, A.I., red.; KARYAKINA, M.S., tekhn.red.

[Ship models] Morskoi modelizm. Moskva, Izd-vo DOSAAF, 1960.
316 p. (MIRA 13:11)
(Ship models)

ZAKHAROV, S. M.

Translation from: Referativnyy Zhurnal, Elektrotehnika, 1957, Nr 2, p. 123 (USSR) 112-2-33600

AUTHOR: Zakharov, S. N.

TITLE: Development of and Research on Methods of Testing Electrical Apparatus for Thermal and Electrodynamic Stability (Razrabotka i issledovaniye metodov ispytaniya elektricheskikh apparatov na termicheskuyu i elektrodinamicheskuyu ustoychivost')

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences presented to the All-Union Electrical Engineering Institute (Vses. elektrotekhn. in-t), Moscow, 1956.

ASSOCIATION: The All-Union Electrical Engineering Institute (Vses. elektrotekhn. in-t).

Card 1/1

8(0)

SOV/105-59-5-26/29

AUTHORS: Ginzburg, S. G., Greyner, L. K., Zakharov, S. N.,
Kaplyanskiy, A. Ye., Neyman, L. R., Netushil, A. V., Petrov,
L. S., Pines, G. Ya., Polivanov, K. M., Zavenko, V. G., et al

TITLE: Vladimir Borisovich Romanovskiy

PERIODICAL: Elektrichestvo, 1959, Nr 5, p 93 (USSR)

ABSTRACT: On January 13, 1959, Vladimir Borisovich Romanovskiy, Professor, Doctor of Technical Sciences, died at the age of 63. He started his activity as an engineer in the design office of the "Elektroapparat" Works in 1926. Soon he became head of the works laboratory. Since 1937, he was head of the Chair of Theoretical Electrotechnics at the Leningradskiy elektrotekhnicheskii institut svyazi im. M. A. Bonch-Bruyevicha (Leningrad Communications Electrical Engineering Institute imeni M. A. Bonch-Bruyevich). At the same time, he maintained his relations to the works where he was a counsel, chief electrical engineer and a permanent member of the technical council. He is one of the founders of the theoretical principles for the building of high-voltage apparatus. At the chair he was occupied with calculations of transition processes in electric current circuits which were also the subject of his doctoral thesis. He published more than 40 scientific papers.

Card 1/2

Vladimir Borisovich Romanovskiy

SOV/105-59-5-26/29

He bore the Badge of Honor and various medals. There is 1 figure.

Card 2/2

BOCHAROV, N.P.; KRADINOV, Ye.B.; GUSEV, V.I.; ZAKHAROV, S.P.; ABRAMOVA, E.Ye.

Investigating the performance of tubeless tires on sand ground.
Kauch. i rez. 21 no.3:35-40 Mr '62. (MIRA 15:4)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni N.E.
Baumana i Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Tires, Rubber--Testing)

BIDERMAN, Vadim L'vovich; GUSLITSER, Ruvim L'vovich; ZAKHAROV,
Sergey Petrovich; MENAKHOV, Boris Viktorovich;
SELEZNEV, Ivan Ivanovich; TSUKERBERG, Solomon Maksimovich;
BUKHIN, B.L., red.; KOGAN, V.V., tekhn. red.

[Motor-vehicle tires; design, construction, testing, and
operation] Avtomobil'nye shiny i konstruktsiia, raschet,
ispytanie, ekspluatatsiia. [By] V.L.Biderman i dr. Mo-
skva, Goskhimizdat, 1963. 382 p. (MIRA 16:12)
(Motor vehicles--Tires)

BOCHAROV, N.F., kand.tekhn.nauk; SHARIKYAN, Yu.E.; KRADINOV, Ye.B., inzh.;
SAKHAROV, Yu.N., inzh.; ZAKHAROV, S.P., kand.tekhn.nauk; AERANOVA,
E.Ye., inzh.

Designing equipment for manufacturing 1,000 x 1,000 x 250 roller-
type pneumatic tires. Izv. vys. ucheb. zav.; mashinostr. no.3:83-87
'61. (MIRA 14:5)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana
Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Tires, Rubber)

ZAKHAROV, S.P.; ANIKANOVA, K.F.

Tires for agriculture. Kauch. i rez. 20 no. 4:1-3 Ap '61.
(MIRA 14:5)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Tractors—Tires)

DESIDLEY, L.V.; ZAKHAROV, S.P.

Future development of automobile tire production. Kauch. i rez.
20 no.10:18-23 0 '61. (MIRA 14'12)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Automobiles--Tires) (Tires, Rubber)

TSUKERBERG, S.M.; ZAKHAROV, S.P.; MINAKHOV, B.V.; ABRAHOVA, E.Ye.;
ZUYEV, Yu.S., red.; KUPERMAN, F.Ye., red.; SPERANSKAYA, A.A.,
tekhn.red.

[High-roadability tires for motor vehicles] Shiny dlia avtomob-
bilei povyshennoi prokhodimosti. Moskva, Gos.nauchno-tekhn.izd-vo
khim.lit-ry, 1969, 71 p.
(Motor vehicles--Tires) (MIRA 14:4)

GALADZHEV, R.S.; ZAKHAROV, S.P.; KOVALEV, N.M.; GAFANOVICH, A.A.

Studying the reliability of pneumatic tires for loading machines.
Trakt. i sel'khoz mash. no.11:23-25 N '64.

(MIRA 18:1)

1. JSKB Rostovskogo zavoda sel'skokhozyaystvennogo mashinostroyeniya (for Galadzhhev). 2. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti (for Kovalev). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut sel'skokhozyaystvennogo mashinostroyeniya (for Gafanovich).

SAFAROV, S. P.

SAFAROV, S.P. "Investigation of the Dynamics of the Tread of an Automobile Tire." Mir Higher Education USSR. Moscow Automobile and Road Inst from V. K. Molotov. Moscow, 1956. (Dissertation for the Degree of Candidate in Technical Science)

SO: Knizhnaya letopis', No. 19, 1956.

ZAKHAROV, S. P.

ZAKHAROV, S. P.

Method of measuring the pressure of the tire bead against the rim
of the wheel. Kauch. i rez. 16 no.8:30-31 Ag '57. (MIRA 10:11)

1. Nauchno-issledovatel'skiy institut shinnoy promyshlennosti.
(Tires, Rubber) (Pressure gauges)

ZACHAROV, S.P.

12. 1200 only 2211

15.9440

22019

S/145/61/000/003/004/006
D205/D304

AUTHORS: Kocharov, N.P., Candidate of Technical Sciences,
Sharikyan, Yu.E., Candidate of Technical Sciences,
Kradinov, Ye.B., Engineer, Sakharov, Yu.N., Engineer,
Zakharov, S.P., Candidate of Technical Sciences, and
Abramova, E.Ye., Engineer

TITLE: Design of a fixture for moulding pneumatic rollers
size 1000 x 1000 x 250

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy,
mashinostroyeniye, no. 3, 1961, 83 - 87

TEXT: Pneumatic rollers are special wide tires with a very small
hub diameter (usually the width is 1 and the hub 1/4 of the outside
diameter) designed to carry vehicles over bad terrain such as snow,
soft sand and mud. In this respect they can compete with cater-
pillar machines. Due to the large support area, small hub and low
internal pressure (0.1 to 1.0 kg/cm²) these rollers can be permit-

Card 1/4

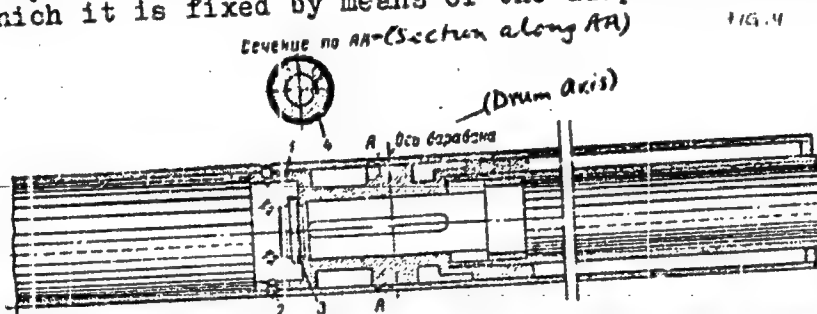
22019

S/145/61/000/003/004/006
D205/D324

Design of a fixture ...

ted to deflect as much as 35 % of the profile. In the USSR testing of the rollers size 24 x 36 x 6" gave good results, but showed the need to increase the outside diameter, and the size 1000 x 1000 x 250 mm was designed. Equipment for vulcanizing ordinary tires could not be used and a new fixture had to be designed. The mounting drum for making these rollers is illustrated. It consists of 24 hollow sectors, 12 on each side, each of them is connected with the opposite sector by a plate. This drum is designed for use on machine SPD-A, on which it is fixed by means of the adaptor shown in Fig. 4.

Fig. 4.



Card 2/4

22019

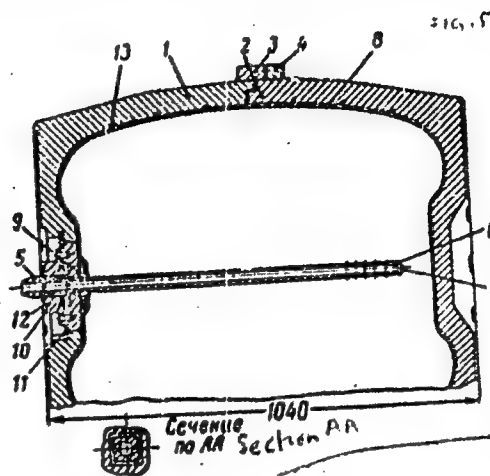
S/145/61/C00/003/004/006
D205/D304

Design of a fixture ...

The press-form for vulcanizing the tube is given in Fig. 5.

Fig. 5.

Legend: 1 - Upper half;
2 - lower half; 3 - wedge;
4 - socket; 5 - standard cone
with internal thread; 6 - tube;
7 - plug; 8 - tire tube; 9 -
nut; 10 - insert; 11 - circular
clip; 12 - sealing ring; 13 -
wire net.



Card 3/4

22019

S/145/61/000/003/004/006
D205/D304

Design of a fixture ...

Superheated water is introduced through the tube in the face of the upper half of the press-form. The principle of this design is new. To obtain circular and longitudinal grooves wire 13 is hammered on the inner surface to protrude 0.5 mm. The press-form for vulcanizing the tire is constructionally similar to that for the tube, except that the upper and the lower halves are made in two parts. There are 6 figures. X

ASSOCIATION: MVTU im. N.E. Bauman (Moscow Technological College
(MVTU) im. N.E. Bauman; NIISRP (Scientific Research
Institute of the Tire Industry)

SUBMITTED: April 14, 1960

Card 4/4

ANIKANOVA, K.F.; ZAKHAROV, S.P.; SELEZNEV, I.I.; FURMAN, P.Yu., red.;
ZAZUL'SKAYA, V.P., tekhn. red.

[Tires for tractors, tractor trailers, and agricultural
machines; reference materials] Shiny dlia traktorov, traktornykh
pritsepov i sel'skokhoziaistvennykh mashin; spravochnye materi-
aly. Moskva, Goskhimizdat, 1963. 51 p. (MIRA 16:4)
(Agricultural machinery—Tires)

TSUKERBERG, Solomon Maksimovich; ZAKHAROV, Sergey Petrovich; KENAKHOV,
Boris Viktorovich; ABRAMOVA, Liia Iefimovna; GRESCHKO, V.M.,
red.; DONSEYAI, G.D., tekhn.red.

[Tires for increasing the roadability of automobiles] Shiny.
povyshaiushchie prokhodimost' avtomobil'ov. Moskva, Nauchno-tekhn.
izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR,
1959. 43 p. (MIRA 12:12)

(Automobiles--Tires)

KOTEL'NIKOV, V.N., kand.tekhn.nauk; CHESTSOVA, K.I., kand.tekhn.nauk;
 ZYBIN, Yu.P., doktor tekhn.nauk; KOCHETKOVA, T.S.; ZAKATOVA, M.D.,
 kand.tekhn.nauk; GUBAREV, A.S., kand.tekhn.nauk; SHVETSOVA, T.P.,
 inzh.; VOROB'YEVA, A.A., kand.tekhn.nauk; MIRSKIY, V.I., inzh.;
 NISHEVICH, Ye.A., kand.tekhn.nauk; GOL'DSHTEYN, A.V., inzh.;
 KALASHNIKOVA, T.A., inzh.; SHUSHOROVICH, M.L., kand.tekhn.nauk;
 MOREKHODOV, G.A., inzh.; ZAKHAROV, S.R., retsenzent; BLAGOVESTOV,
 B.K., retsenzent; STRONGINA, C.I., retsenzent; SHMIDT, M.I., re-
 tsenzent; ZUYEV, V.T., retsenzent; KOSAREV, M.I., retsenzent;
 STEPANOV, I.S., retsenzent; RAMO, S.N., retsenzent; PEVZER, B.M.,
 retsenzent; VITNBERG, I.A., retsenzent; TURBIN, A.S., retsenzent,
 SMIRNOVA, Ye.V., retsenzent; BUGOSLAVSKAYA, L.A., retsenzent;
 GAMOVA, A.S., retsenzent; KHANIN, N.M., retsenzent; KURVANIDZE,
 D.S., red.; PLEMYANNIKOV, M.M., red.; GRACHEVA, A.V., red.; MEDVEDEV,
 L.Ya., tekhn.red.

[Shoemaker's handbook] Spravochnik obuvshchika. Vol.1. Moskva,
 Gos.nauchno-tekhn.izd-vo lit-ry po legkol promyshl. 1958. 540 p.
 (MIRA 12:4)

1.Gosudarstvennaya Ordena Lenina i Ordena Trudovogo Krasnogo Znameni
 obuvnaya fabrika "Skorokhod" imeni Ya.Kalinina (for Zakharov, Blago-
 vestov, Strongina, Shmidt, Zuyev, Kosarev, Stepanov, Ramo, Pevzner,
 Veynberg, Turbin, Smirnova, Bugoslavskaya, Gamova, Khanin).
 (Shoe manufacture)

ZAKHAROV, S.R.; UL'MAN, I.M.

On the path of technical progress. Kosh.-obuv.prom. no.2:
4-6 P '59. (MIRA 12:6)
(Shoe industry)

AUTHORS: Veynberg, I.A., Zakharov, S.R., Blagovestov, B.K.,
Slobodina, R.M., Kaminskiy, I.Yu., Steshov, I.I.,
Masalovich, A.I., Zuyev, V.T., Lytkin, T.S., Logi-
nova, S.A., Dantsig, L.Ya., and Surkova, O.K. SOV/19-58-6-610/685

TITLE: A Method of Shoe Production (Sposob izgotovleniya obuvi)

PERIODICAL: Byulleten' izobreteniy, 1958, Nr 6, pp 134-135 (USSR)

ABSTRACT: Class 71a, 16⁰¹. Nr 113694 (590545 of 24 Jan 1958).
Submitted to the Committee for Inventions and Discoveries at the Ministers Council of USSR. A method of making shoes, with the use of ready formed blank with glued-in counters and tips, and the insole attached along the entire periphery of the blank; increasing the production rate by using elastic counters and tips and hotvulcanizing them simultaneously with the vulcanization of the sole to the lower part of the shoe.

Card 1/1

ZAKHAROV, S.R.; ZHUKOV, A.P.

Potentialities in footwear manufacture. Leg.prom. 16 no.5:5-9
My '56. (NLRA 9:8)

1. Direktor fabriki "Skorokhod" (for Zakharov); 2. Nachal'nik
PFO (for Zhukov).
(Leningrad--Shoe industry)

ZAISHIROV, S.S.
CA

The use of copper slag on summer wheat. S. S. Zaishirov, *Trudy Sel'skoye Sel'skoye. Inst. S. No. 30, 31-2 (1969); Chem. Zvest. 1960, 11, 544.*—The exp. soil was a loess-like, loamy podzol; the exp. plant was summer wheat sowed after potato, turnip or cabbage crops. The best results were obtained with a dose of 300 kg. per ha. of Cu slag used on an N-P-K base. The yield was 3103 kg. grain and 2080 kg. straw per ha. No aftereffect of the Cu slag could be detected in the subsequent crop, which was a mix. of vetch and oats. M. G. Khosrov

ASB-SEA METALLURGICAL LITERATURE CLASSIFICATION

ZAKHAROV, S. S., Doc Agr Sci -- (diss) "Effectiveness of
field and ^{crop} foider rotations on turfy-podzolic clayey soils
in connection with liming." [Mos], 1957. 33 pp (Belorussian
Sci Res Inst of Agr, Acad Agr Sci BSSR), 100 copies (KL, 52-
57, 109)

- 80 -

ZAKHAROV, S.S., doktor sel'khoz. nauk, prof.; LARIONENKO, V.B.,
kand. sel'khoz. nauk; NOVIKOVA, V.K.; TIMOFEEV, A.P.,
kand. sel'khoz. nauk, dots.; SKOROPANOV, S.G., akademik,
red.; GRACHEVA, V.S., red.; MAKHOVA, N.I., tekhn. red.;
TRUKHINA, O.N., tekhn. red.

[Fundamentals of agriculture and land improvement operations] Osnovy zemledeliia i kul'turtekhnicheskie raboty.
[By] S.S.Zakharov i dr. Moskva, Sel'khozizdat, 1963. 278 p.

(MIRA 17:1)

1. Propodavatel' Pinskogo gidromeliorativnogo tekhnikuma
(for Novikova). 2. Akademiya nauk Belorusskoy SSR (for
Skoropanov).

ZAKHAROV, S. V.

ORECHUSHNIKOV, N.I., inzhener; ZAKHAROV, S.V., retsenzent; SHPAQIN, A.A.,
nauchnyy redaktor.

[Joinery on ships] Sudovye stoliarnye raboty. Leningrad, Gos. nauchno-
tekhn. izd-vo mashinostroit. i sudostroit. lit-ry [Leningradskoe otd-nie]
1954. 158 p. (MLA 7:7)
(Joinery)

PRELIMINARY AND PROPOSED INDEX

The distribution of amino nitrogen between plasma and erythrocytes during storage of preserved blood. S. V. Khatri, *J. Physiol. (C.S.S.R.)* 27, 133-42 (in English, 1952) (1952). Storage of preserved blood results in a slight increase in the amino N of whole blood as compared with the initial value. In the case of erythrocytes the value is constant for 5-7 days and then decreases slightly.

S. A. Kartala

ASB 35A DETAILORICAL LITERATURE CLASSIFICATION

Can

THE EFFECT OF PROCaine blockade on the biochemical indices in ulcerous patients. S. S. Zakharov. Arch. int. med. (U. S. S. R.) 53, No. 2-3, 27-31 (1969). — The glutathione content of the blood of patients with stomach and duodenal ulcers increases by 2.7 mg. % in 1-3 days after novocaine blockade. Catalase activity is increased, and the amt. of incompletely oxidized org. substances detd. by titration of the urine with K.MnO₄ excreted with uric acid decreases by 2-3 times. S. A. K.

11 K

ATM 51A — DETAIL SIGN AL LITERATURE CLASSIFICATION

Ca

115

Amount and distribution of glycogen in blood in experi-
mental hyper- and hypoglycemia. S. V. Zakharenko.
Biochemistry 6, 254-91 (1941).—More glycogen is found
in the blood cells than in the plasma. The amt. and dis-
tribution of glycogen in the blood remains unaltered in
exptl. hyper- and hypoglycemia. The blood glycogen
concn. may vary, although the total carbohydrate metabo-
lism may undergo no change; and vice versa, a shift in
sugar metabolism may not be accompanied by a change in
the glycogen concn. The detn. of blood glycogen is of
valuable diagnostic value. H. Proulx.

ASD-LLA METALLURGICAL LITERATURE CLASSIFICATION

ZAKHAROV, S.V.

Characteristics of carbohydrate metabolism of the brain under
certain physiological and pathological conditions of the organism.
Vop.med.khim. 4:139-147 '52. (MIRA 11:4)

1. Kafedra biokhimii Ivanovskogo meditsinskogo instituta.
(CARBOHYDRATE METABOLISM) (BRAIN)

ZAKHAROV, S.V.

Role of the cerebral cortex in the formation and development of the hypoglycemic syndrome in hyperinsulinism. Zhur.vys.nerv.deiat. 5 no.3:430-437 My-Je '55. (MLRA 8:10)

1. Kafedra biokhimii Astrakhanskogo meditsinskogo instituta.
(INSULIN, effects,
on blood sugar after cerebral decortication in animals)
(CEREBRAL CORTEX, physiology,
eff. on decortication on blood sugar response to
insulin in animals)
(BLOOD SUGAR, effect of drugs on,
insulin, eff. of cerebral decortication on response in
animals)

ZAKHAROV, S.V., TATARINOV, Yu.S.

Mechanism of action of insulin. Report No.5: Effect of insulin on blood glucose content in dogs during electronarcosis [with summary in English]. Biul.eksp.biol. i med, 45 no.3:19-22
Mr'58 (MIRA 11:5)

1. Iz kafedry biologicheskoy khimii (zav. - dotsent S.V. Zakharov) Astrakhanskogo meditsinskogo instituta imeni A.V. Lunacharskogo (dir. - dotsent S.V. Zakharov). Predstavlena deystvitel'nyy chlenom AMN SSSR V.N. Chernigovskim.

(INSULIN, effect.

on blood sugar in electronarcosis in dogs (Rus))

(BLOOD SUGAR, effects of drugs on,

insulin in electronarcosis in dogs (Rus))

(ELECTRONARCOSIS, effects,

on blood sugar reactivity to insulin (Rus))

ZAKHAROV, S.V.; GRIGOR'YEVA, Ye.A.; YAKOVLEVA, L.A.

Effect of the intravenous and subcutaneous administration of royal jelly on glycemic changes in and glucose consumption by the brain. Inform.biul. o mat.moloch. no.3:3-7 '62. (MIRA 16:2)

1. Kafedra biokhimii (zav. prof. S.V. Zakharov) Yaroslavskogo meditsinskogo instituta (dir. prof. N.Ye. Yarygin).
(ROYAL JELLY—PHYSIOLOGICAL EFFECT) (BRAIN)
(GLUCOSE METABOLISM)

ZAKHAROV, S.V.; BEYM, A.M.

Level of adrenalin-like substances in the blood of dogs in insulin hypoglycemia. Probl. endok. i gorm. 10 no.1:86-91 Ja-F '64.

(MIRA 17:10)

---1. Kafedra biokhimii (zav. -- p.of. S.V. Zakharov) Yaroslavskogo meditsinskogo instituta.

ZAKHAROV, S.V.

Effect of serotonin on the blood sugar level and insulin effect.

Biul. oksp. biol. i med. 56 no.11:71-75 0 [i.e. N] '63.

(MIRA 17:11)

1. Iz kafedry biokhimii (zav. - prof. S.V. Zakharov) Yaroslavskogo
meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR
V.V. Parinym.

GELLER, L.I. (Ufa); ZAKHAROV, S.V., prof.

Clinical biochemist or a medical chemistry specialist?

Concerning A.V. Sigrist's article, "On the problem of
clinical biochemistry". Vop.med. khim. 8 no.5:550-552

S-0'62

(MIRA 17:4)

ZAKHAROV, S.V., prof.

Insulin and its use in diabetes. Med. sestra 22 no.9:28-31
S'63. (MDIA 16:10)

1. Iz Yaroslavskogo meditsinskogo instituta.
(DIABETES) (INSULIN)

ZAKHAROV, S.V. (Yaroslavl')

Fractional composition of blood proteins and the insulin effect
on the problem of the sensitivity of rabbits to insulin. Probl.
endok.i gorm. no.4:10-16 '62. (MIRA 15:11)

1. Iz kafedry bio'himii (zav. - prof. S.V. Zakharov) Yaroslavskogo
meditsinskogo instituta (dir. - prof. N.Ye. Yarygin).
(BLOOD PROTEINS) (INSULIN)

ZAKHAROV, S.V.

Conditioned reflex insulin hypoglycemia. Zhur. vys. nerv. deiat.
10 no.2:280-284 Mr-Apr '60. (MIRA 14:5)

1. Chair of Biochemistry, Medical Institute, Astrakhan.
(HYPOGLYCEMIA) (CONDITIONED RESPONSE) (INSULIN)

ZAKHAROV, S.V.

Insulin effect in novocainized animals. Probl. endok. 1 gorm. 6
no. 2:73-75 ~~Mr.~~Ap '60. (MIRA 14:1)
(INSULIN) (NOVOCAINE)

ZAKHAROV, S.V.; TATARINOV, Yu.S.

Fractional composition of serum proteins in hyperinsulinism. Probl.
endok. i gorm. 6 no. 4:96-99 JI-Ag '60. (MIRA 14:1)
(BLOOD PROTEINS) (INSULIN SHOCK)

2. AKHAROV, S.V.

Country	: USSR	T
Category	: Human and Animal Physiology, Internal Secretion	
Abs. Jour.	: Ref Zhur Biol., No. 2, 1959, No. 8302	
Author	: Akharov, S.V.; Tatarinov, Yu.S.	
Institut.	: --	
Title	: The Mechanism of the Action of Insulin. Communication V. The Effect of Insulin on Blood Glucose Levels in the Dog during Electroosleep.	
Orig Pub.	: Byul. eksperim. biol. i med., 1958, 45, No. 3, 19--22	
Abstract	: Glycemia in dogs during electroosleep remained substantially unchanged. When insulin (1--10 units/kg) was injected, hypoglycemia was noted. Electroosleep exerted no effect on the degree of hypoglycemia, but prevented the occurrence of convulsions, in spite of the fact that blood sugar was lowered to 30--40 mg% (in awake animals convulsions occurred 2--3 hours after the injection of insulin). Within 1 to 2 hours after electroosleep was terminated (5--6 hours after the injection of insulin) signs of hyperinsulinism developed, i.e., salivation, panting, adynamia; convulsions were occasionally seen.	
Card:	1/1	

ZAKHAROV, S.V., prof. (Astrakhan')

Effect of rays on glucose and lactic acid levels in the blood flowing
to and from the brain. Med. rad. 4 no.3:77-79 Apr '59. (MIRA 12:7)

(ROENTGEN RAYS, effects,

on brain blood glucose & lactic acid in dogs (Rus))

(BLOOD SUGAR, effect of radiations,

x-rays on cerebral blood in dogs (Rus))

(LACTATES, in blood

eff. of x-rays on lactic acid in cerebral blood in dogs (Rus))

ZAKHAROV, S. V. Doc Med Sci -- (diss) "On the Role of the Central Nervous System in the Mechanism of ^{the} Action of Insulin." Kuybyshev, 1957. 16 pp 20 cm. (Kuybyshev State Medical Inst), 200 copies (KL, 27-57, 109)

- 60 -

ZAKHAROV, S.Ye., vitse-admiral

Preparing officer cadres to meet modern requirements. Mor.sbor.
46 no.5:8-13 Ny '63. (MIRA 16:4)
(Russia—Navy—Officers)

ZAKHAROV, V.

Concrete

Wall blocks and finish from slag-concrete
Zhil. -kom. khoz. 2 no. 2:12-17 F '52

Monthly List of Russian Accessions, Library of
Congress, July 1952. Unclassified

ZAKHAROV, V.

Improvement of public areas in the city of Tikhvin. Zhil.-kon.
khoz. 8 no.9:11-12 '58. (MIRA 11:10)

1. Zaveduyushchiy otделom kommunal'nogo khozyaystva Tikhvinskogo
gorodskogo Soveta deputatov trudyashchikhsya.
(Tikhvin--Landscape gardening)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963520018-6

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001963520018-6"

ZAKHAROV, V.

PA 4/L9T37

USSR/Radio, Amateur
Radio - Training

Apr 48

"Correspondence School Radio Clubs," V. Zakharov,
Kiev, 1 p

"Radio" No 4

Discusses operation of subject clubs, and method
whereby Central Radio Club is obtaining numerous
future radio technicians by training young amateurs.
This program under direct cognizance of the Gen
Children's Tech Sta has had a very successful year.

4/L9T37

USSR/Electronics - Transmitters

Card

Author : ZAKHAROV, V., Radio Station UAZPU (YA3ΦY)

Title : Single-tube type ultrashort-wave transmitter

Periodical : Radio 7, 26-27, July 1954

Abstract : The design of a simple, single-tube UHF transmitter requiring no

the oscillator circuit is "inductance-coupled" with the antenna. The
the transformer winding, as well as the antenna, are

Submitted : ...

KLIMASHIN, A.; ZAKHAROV, V.

August 10-11, the second "field day." Radio no.4:10-11 Ap '57.
(MLA 10:5)

(Radio, Shortwave--Competitions)

ZAKHAROV, V., starchyi tekhnik-leytenant

A variable resistor helped. Voen.sviat. 16 no.4:43 Ap '58.
(MIRA 11:4)

(Radio--Study and teaching)

$$1-25947-66 \quad \text{EXP}(A)/\text{EXP}(2)/\text{EXP}(1)/\text{EXP}(G)/\text{EXP}(F)/\text{EXP}(K)-2/\text{EXP}(D)/\text{EXP}(V)/\text{EXP}(J)/n/\text{EXP}(H)/$$

ACC NR: APOU100J STC:m-0, SOURCE CODE: UR/0209/66/000/004/C028/0031

GRG: MOLE

TITLE: Lunar transport

SOURCE: Aviatsiya i kosmonavtika, no. 4, 1966, 28-31

TOPIC TAGS: ~~moon~~, ~~lunar surface equipment~~, lunar surface equipment,

ABSTRACT: An illustrated description of various vehicles, improved, designed or modeled for the eventual use on the moon surface, was presented. The lunar vehicle system will be a self-contained system.

shown in Fig. 4 is equipped with ribbon-like flexible plates actuating the motion and protecting the vehicle from overturning. Fig. 5 shows a four-wheel motor vehicle ready to go to the moon while in Fig. 6, the preference is given to an impenetrable wheelless walking design. (Orig. art. has 10 pages.)

SUB CODE: 13 / SUBM DATE: None / ORIG REF: 000 / CTH REF: 000

Card 1/2 PW

ZAKHAROV, V.

By the target, place, and time. Voenn. znan. 41 no.9:24-25 S '65.
(MIRA 18:10)

CHUKOV, S.; ZAKHAROV, V.

Operations in a nuclear stricken area. Voen. zhurn. 40 no. 7:
23-25 JI '64 (MIRA 17:8)

ZAKHAROV, V., podpolkovnik, voyennyy letchik pervogo klassa;
SOLOPOV, Yu., mayor, voyennyy letchik pervogo klassa

Attack of an air target. How has it been executed? Av. i
kosm. 46 no.3:11-16 Mr '64. (MIRA 17:3)

ZAKHAROV, V.

Important problems of bank and enterprise operations. Den. 1 kred.
21 no.9:55-57 9 '63. (MIRA 16:10)

1. Upravlyayushchiy Magnitogorskim otdelemiyem Gosbanka.

MIT'KO, V.I.; ZAKHAROV, V., elektromekhanik

Eliminate shortcomings in KPS-2/3 commutators. Avtom., telem. i
svyaz' 7 no.3:41 Mr '63. (MIRA 16:2)

1. Starshiy elektromekhanik Kurskoy distantzii signalizatsii i
svyazi Moskovskoy dorogi (for Mit'ko). 2. Smolenskaya
distantziya signalizatsii i svyazi Moskovskoy dorogi (for
Zakharov).

(Railroads--Communication systems)

(Railroads--Electronic equipment)

ANDREYEV, Ye.; ZAKHAROV, V., inzh.

Follow-up on an invention. Nauka i zhizn' 29 no.9:98-99 3 '62.
(MIRA 15:10)

1. Nachal'nik otdela Nauchno-issledovatel'skogo institut tekhnologii i organizatsii proizvodstva (for Andreyev). 2. Tsentral'noye byuro tekhnicheskoy informatsii Mosgorsovnarkhoza.

(Desks)

ANDREYEV, Ye.; ZAKHAROV, V., inzh.

Sectional equipment for a working place. Nauka i zhizn' 29
no.1:110-111 Ja '62. (MIRA 15:3)

1. Nachal'nik konstruktorskogo byuro Nauchno-issledovatel'skogo
instituta tekhnologii i organizatsii proizvodstva (for Andreyev).
(Factories--Equipment and supplies)

ANDREYEV, Ye.; ZAKHAROV, V.

Work area of a designer. Nauka i zhi'n' 28 no.10:106-109 3 '61.
(MIRA 15:1)

1. Nachal'nik konstruktorskogo byuro nauchno-issledovatel'skogo
instituta tekhnologii i organizatsii proizvodstva (for Andreyev).
(Mechanical drawing)